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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|                             |   |                           |
|-----------------------------|---|---------------------------|
| In re the Application of:   | ) | Group Art Unit: 1764      |
|                             | ) |                           |
| Robert G. Graham            | ) |                           |
|                             | ) |                           |
| Serial Number: 10/657,307   | ) | Examiner: Patel, Vinit H. |
|                             | ) |                           |
| Filed: September 8, 2003    | ) |                           |
|                             | ) |                           |
| Title: HEAT EXCHANGERS WITH | ) | Response Under Rule       |
| NOVEL BALL JOINTS AND       | ) | 37 CFR §1.111             |
| ASSEMBLIES AND PROCESSES    | ) |                           |
| USING SUCH HEAT EXCHANGERS) | ) |                           |
|                             | ) |                           |
| Attorney Docket; MSH – 261  | ) | April 9, 2007             |

Commissioner for Patents  
P. O. Box 1450  
Alexandria VA 22313-1450

Dear Sir:

In response to the Office Action mailed January 16, 2007, the applicant respectfully requests reconsideration of this application on the basis of the following remarks.

**REMARKS**

The claims in the case are claims 1 to 40. The Examiner has restricted the claims to Group I, claims 1 to 7; Group II, claims 8 to 30; Group III, claims 31 to 36, and Group IV, claims 37 to 40. By written response on October 3, 2006, the applicant elected Group III, claims 31 to 36, without traverse.

Claims 31 to 33 claim an improved manufacturing system for manufacturing carbon black and claims 34 to 36 claim a process for manufacturing carbon black using the system of claim 34.

The Examiner has rejected claim 31 (and independently claims 32 to 36) under 35 USC 103(a) as being unpatentable over Schora, U.S. Patent 3,861,885 in view of Graham, U.S. Patent 5,979,543, noting for the applicant the various components of the Schora manufacturing system.